

11-22-04

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EXPRESS MAIL LABEL NO.: EV 384 067 183 US

PATENT APPLICATION

Docket No.: 13768.402

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: )  
)  
Michael Joseph Pizzo, et al. )  
)  
Serial No.: 10/603,532 ) Art Unit  
) 2171  
Filed: June 25, 2003 )  
)  
Confirmation No.: 4133 )  
)  
For: REGISTERING FOR AND RETRIEVING )  
DATABASE TABLE CHANGE INFORMATION )  
THAT CAN BE USED TO INVALIDATE )  
CACHE ENTRIES )  
)  
Examiner: Not Yet Known )

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. § 1.97

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Please find, pursuant to 37 C.F.R. § 1.98(a)(1), the enclosed Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). While no representation is made that any of these references may be "prior art" within the meaning of that term under 35 U.S.C. §§

102 or 103, the enclosed list of references is disclosed so as to fully comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

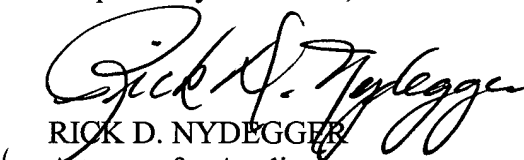
Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record believes that the enclosed art is the closest to the claimed invention (taken in its entirety) of which the undersigned is presently aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

In accordance with 37 C.F.R. §§ 1.97 and 1.98, a copy of each of the listed references or relevant portion thereof is also enclosed.

In accordance with 37 C.F.R. § 1.98(c), all English translations within the possession, custody, control or availability of anyone designated in 37 C.F.R. § 1.56(c) of each nonenglish reference, if any, are also enclosed.

Dated this 19<sup>th</sup> day of November, 2004.

Respectfully submitted,

  
RICK D. NYDEGGER  
Attorney for Applicant  
Registration No. 28,651  
Customer No. 022913

RDN:kcs  
KCS0000003794V001

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s): Michael Joseph Pizzo, et al.

Docket No.

13768.402

Serial No.  
10/603,532Filing Date  
June 25, 2003Confirmation No.  
4133Examiner  
Not Yet KnownGroup Art Unit  
2171

Investigation: REGISTERING FOR AND RETRIEVING DATABASE TABLE CHANGE INFORMATION THAT  
CAN BE USED TO INVALIDATE CACHE ENTRIES

I hereby certify that the Transmittal letter (2 pages) (in triplicate); Information Disclosure Statement (2 pgs); Form PTO-1449 Listing all Cited References (3 pgs); Legible Copies of 10 Cited References; and postcard are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on November 19, 2004.

Kendell Steele

(Typed or Printed Name of Person Mailing  
Correspondence)

(Signature of Person Mailing Correspondence)

**EV 384 067 183 US**

("Express Mail" Mailing Label Number)

KCS0000003796V001

EXPRESS MAIL LABEL NO.: EV 384 067 183 US

Form PTO-1449

Sheet 1 of 3

Applicant: Michael Joseph Pizzo, et al.

Serial No.: 10/03,532

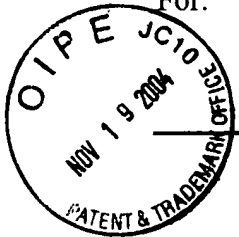
Att'y Docket No.: 13768.402

Filing Date: June 25, 2003

Group: 2171

Confirmation No.: 4133

For: REGISTERING FOR AND RETRIEVING DATABASE TABLE  
CHANGE INFORMATION THAT CAN BE USED TO INVALIDATE  
CACHE ENTRIES



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INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANT

U.S. Patent Documents

<u>Examiner Initial*</u>	<u>Patent Number</u>	<u>Issue Date</u>	<u>Name</u>	<u>Class</u>	<u>Sub Class</u>	<u>Filing Date</u>
_____ A1.	5,897,634	04/27/99	Attaluri, et al.	707	8	05/09/97
_____ A2.	6,026,413	02/15/00	Challenger, et al.	707	202	08/01/97
_____ A3.	6,493,720	12/10/02	Chu, et al.	707	104	12/28/98
_____ A4.	6,502,093	12/31/02	Bhatt, et al.	707	3	03/14/02

U.S. Patent Publication

<u>Examiner Initial*</u>	<u>Publication Number</u>	<u>Pub. Date</u>	<u>Name</u>	<u>Class</u>	<u>Sub Class</u>	<u>Filing Date</u>
_____ A5.	2003/0217081	11/20/03	White, et al.	707	203	05/14/02

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Examiner:

Date Considered:

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

EXPRESS MAIL LABEL NO.: EV 384 067 183 US

Form PTO-1449

Sheet 2 of 3

Applicant: Michael Joseph Pizzo, et al.

Serial No.: 10/03,532

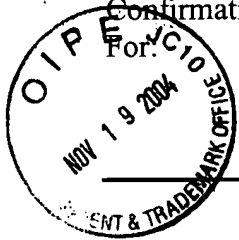
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CACHE ENTRIES



Foreign Patent Documents

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Publ. Date</u>	<u>Country or Patent Office</u>	<u>Sub Class</u>	<u>Class</u>	<u>Trans- lation</u>
_____ A6.	EP 0 959 416	11/24/99	EPO	G06F	17/30	

Other Documents

Examiner  
Initial\*

\_\_\_\_\_ A7. Challenger, Jim, et al. "A Scalable System for Consistently Caching Dynamic Web Data" Infocom '99. Eighteenth Annual Joint Conference of the IEEE Computer and Communications Societies. Proceedings. IEEE New York NY March 21-25 1999; Piscataway, NJ, IEEE, March 21, 1999; pages 294-303

\_\_\_\_\_ A8. "Dynamic Caching: Dynamic Pages Delivered Faster" November 2000, Spidercache, Inc. Vancouver, Canada

\_\_\_\_\_ A9. Mohan, C. "Caching Technologies for Web Applications" Proceedings of the International Conference on Very Large Data Bases, September 12, 2001, pages 1-31.

\_\_\_\_\_ A10. "Where XCache Fits In" SCache Technologies, November 29, 2001; Retrieved from the Internet: URL: [http://www.archive.org/web.20010609055857/www.xchche.com/home/printer\\_xcache\\_where\\_xcache\\_fits\\_in.htm](http://www.archive.org/web.20010609055857/www.xchche.com/home/printer_xcache_where_xcache_fits_in.htm)

Examiner:

Date Considered:

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Form PTO-1449

Sheet 3 of 3

Applicant: Michael Joseph Pizzo, et al.

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CHANGE INFORMATION THAT CAN BE USED TO INVALIDATE  
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### References Cited by Applicants

While the filing of Information Disclosure Statements is voluntary, the procedure is governed by the guidelines of Section 609 of the Manual of Patent Examining Procedure and 37 C.F.R. §§ 1.97 and 1.98. To be considered a proper Information Disclosure Statement, Form PTO-1449 shall be accompanied by a copy of each listed patent or publication or other item of information and a translation of the pertinent portions of foreign documents (if an existing translation is readily available to the applicant), an explanation of relevance of each reference not in the English language, and should be submitted in a timely manner as set out in MPEP Sec. 609.

Examiners will consider all citations submitted in conformance with 37 C.F.R. § 1.98 and MPEP Sec. 609 and place their initials adjacent the citations in the spaces provided on this form. Examiners will also initial citations not in conformance with the guidelines which may have been considered. A reference may be considered by the Examiner for any reason whether or not the citation is in full conformance with the guidelines. A line will be drawn through a citation if it is not in conformance with the guidelines AND has not been considered. A copy of the submitted form, as reviewed by the Examiner, will be returned to the applicant with the next communication. The original of the form will be entered into the application file.

Each citation initialed by the Examiner will be printed on the issued patent in the same manner as references cited by the Examiner on Form PTO-892.

The reference designations "A1," "A2," etc. (referring to Applicant's reference 1, Applicant's reference 2, etc.) will be used by the Examiner in the same manner as Examiner's reference designations "A," "B," "C," etc. on Office Action Form PTO-1142.

KCS0000003793V001

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Examiner:

Date Considered:

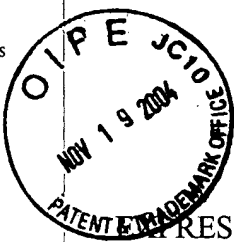
\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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EXPRESS MAIL LABEL NO.: EV 384067183 US PATENT APPLICATION  
 Docket No.: 13768.402

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## TRANSMITTAL FOR INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing and pursuant to 37 C.F.R. § 1.97 is an Information Disclosure Statement.

Enclosed also are the following designated documents, as required under 37 C.F.R. §§ 1.97 and 1.98:

X Form PTO-1449 list of ten (10) references submitted for consideration.

X Legible copies of the listed references or their relevant portions.

— All English translations of each non-English reference, if any, within the possession, custody, control or availability of anyone designated in 37 C.F.R. § 1.56(c) (see 37 C.F.R. § 1.98(c)).

The following are included within the Information Disclosure Statement if applicable and as required under 37 C.F.R. § 1.98:

— Concise explanation of relevance of each reference not in English and unaccompanied by an English translation.

— Statement that certain listed references not enclosed are substantially cumulative of an enclosed reference.

— Statement that certain listed references not enclosed were previously cited by or submitted to the Office in the identified prior application which is relied upon for an earlier filing date under 35 U.S.C. § 120.

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VERNON R. RICE §  
 OF COUNSEL

\* Admitted only in California

† Admitted only in New York

§ Admitted only in Virginia

\_\_\_ Legible Copies of previously filed Information Disclosure  
Statement for application Serial No. \_\_\_\_, filed \_\_\_\_.

In order to secure consideration of the items designated above, one or  
more of the following, if required, is also enclosed:

\_\_\_ Promptness Certification.

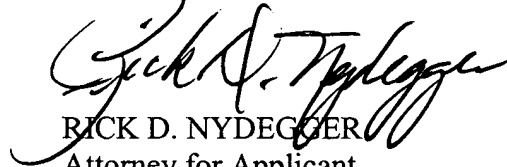
\_\_\_ Check No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ constituting  
submission fee under 37 C.F.R. 1.17(p);

\_\_\_ Petition for Consideration and Check No. \_\_\_\_\_ in the  
amount of \$ \_\_\_\_\_.

X In the event that 37 C.F.R. § 1.97(c) applies and the Examiner is  
not satisfied that the Promptness Certification meets the  
requirements of 37 C.F.R. § 1.97(e), or in any other event  
remediable by a fee, please credit any over payment or charge any  
additional fees to Deposit Account No. 23-3178 of the  
undersigned.

Dated this 19 day of November, 2004.

Respectfully submitted,



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Attorney for Applicant  
Registration No. 28,651  
Customer No. 022913